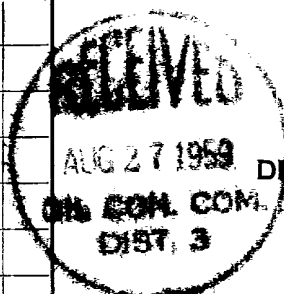


A 10x10 grid with a point labeled 'x' in the 7th column and 8th row from the top-left corner.



U. S. LAND OFFICE _____ Santa Fe
SERIAL NUMBER _____ 077978
LEASE OR PERMIT TO PROSPECT _____
Fullerton

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company BENSON-MONTIN-GREER DRILLING CORP. Address 158 Petroleum Center Building
Farmington, New Mexico
Lessor or Tract Fullerton Field Wildcat State New Mexico
Well No. 1 Sec. 34 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 790 ft. N of N Line and 790 ft. E of E Line of Sec. 34 Elevation 6021
(Describe flow relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date August 25th, 1959 Signed _____ Title Vice-President

The summary on this page is for the condition of the well at above date.

Commenced drilling April 24th, 1959 Finished drilling May 15th, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>6158</u> to <u>6266 (G)</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8	J-55	199	-	-	-	-	Surface
5-1/2"	17#	8	N-80	6366	Texas	-	6186	6196	Production
					Pattern		6225	6231	
							6250	6266	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	211	150	Pump & Plug		
5-1/2	6362	350			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from Surface feet to 6363 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing		DATES		Potential Test	
May 26th	1959	Put to producing	July 24th	1959	

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours 6,943,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~2052~~ **psig**

EMPLOYEES

_____**Company tools**_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
			<u>ELECTRIC LOG TOPS</u>
			BASE OJO ALAMO 320
			FARMINGTON 645'
			FRUITLAND 1240'
			PICTURED CLIFFS 1555'
			LEWIS 1720'
			CLIFFHOUSE 2468'
			MENEFEE 2530'
			POINT LOOKOUT 4058'
			MANCOS 4275'
			GALLUP 5218'
			SANASTEE 5690'
			GREENHORN 6066'
			GRANEROS 6120'
			DAKOTA 6158'

BENSON-MONTIN-GREER DRILLING CORP.

WELL HISTORY - FULLERTON #1

790' FNL, 790' FEL, Sec. 34, Twp. 28N, Rge. 13W, San Juan County. Elevation 6021' DF.

- 4-24-59 Spudded.
- 4-25-59 TD 216' RKB. Set 6 joints 199' of 8-5/8" OD 24# J-55 casing at 211' with 150 sacks regular cement, 5% calcium chloride.
- 4-26-59 Pressured up on casing to 500#. No pressure decrease in 30 minutes.
- 5- 8-59 Pulled Core #1 from 5589' of 5640'. Recovered 51'. Core description attached.
- 5-10-59 Pulled Core #2 from 6186' to 6237'. Recovered 51'. Core description attached.
- 5-11-59 Pulled Core #3 from 6237' to 6255'. Recovered 18'. Core description attached.
- 5-12-59 Pulled Core #4 from 6255' to 6276'. Recovered 21'. Core description attached.
- 5-13-59 Pulled Core #5 from 6276' to 6326'. Recovered 50'. Core description attached.
- Pulled Core #6 from 6326' to 6339'. Recovered 13'. Core description attached.
- 5-15-59 TD 6363' RKB. Set 159 joints 6366' of 5-1/2" OD 17# N-80 casing at 6362' with 350 sacks cement, 1/2# flocele per sack.
- 5-18-59 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.
- 5-19-59 TD 6363' RKB. Cleaned out to 6311'. Perforated 6250' to 6266' with 4 jet shots per foot. Sandfraced with 70,804 gallons water and 55,000# 20-40 sand and 5,000# 10-20 sand, flushed with 15,000 gallons water. Breakdown pressure 3300-1500#, maximum treating pressure 3850#, minimum 3600#, final pressure 1550#, average injection rate 60 barrels per minute. Set Guiberson WBE bridge plug at 6237'. Perforated 6225-6231' with 4 jet shots per foot. Evidence of communication with lower zone. Set Guiberson WBE bridge plug at 6202'. Perforated 6186-6196' with 4 jet shots per foot. Evidence of communication with lower zone. Sandfraced

second stage with 73,584 gallons water and 65,000# 20/40 sand. Breakdown pressure 4000# to 3950#, maximum treating pressure 4950#, minimum 3850#, final pressure 1400#. Average injection rate 57.9 barrels per minute.

5-24-59 Drilled out bridge plugs, commenced flowing back frac water.

5-26-59 Ran 198 joints 6075' of 2-3/8" OD EUE tubing landed at 6087' RKB.

BENSON-MONTIE-GREEN DRILLING CORP.

FULLERTON #1

CORE #1 Cored 5589' to 5640'. Cored 51', recovered 51'.

5589 - 5593' Hard fractured shale, both horizontal and vertical fractures.

5593 - 5625' Hard very fine shaly to silty sandstone. Slight bleed of gas.

5625 - 5640' Hard black slightly sandy pokerchip shale.

CORE #2 Cored 6186' to 6237'. Cored 51', recovered 51'.

6186 - 6195' Hard fine grey sandstone, good odor, bleeding gas. Vertical fracture 6194-95'.

6195 - 6226½' Dark grey very fine hard silty sandstone. Vertical fractures 6196-97', 6207-09', & 6212-13'.

6226½ - 6227' Hard black sandy shale, fractured.

6227 - 6232½' Dark grey very fine hard silty sandstone.

6232½ - 6237' Hard black sandy pokerchip shale.

Fair to slight odor 6195-6226½'. Slight gas bleed and fair odor 6227-6232½'. Shale was bleeding gas 6232½-6237'.

CORE #3 Cored 6237' to 6255'. Cored 18', recovered 18'.

6237 - 6241' Hard grey fine sandstone, bleeding gas.

6241 - 6244½' Black pokerchip shale.

6244½ - 6251' Hard black very sandy carbonaceous shale, bleeding gas.

6251 - 6254' Hard brown grey sandstone, bleed of gas and good distillate stain.

6254 - 6255' Hard black very sandy carbonaceous shale.

CORE #4 Cored 6255' to 6276'. Cored 21', recovered 21'.

6255 - 6266' Hard grey fine sandstone, good bleed of gas throughout. Vertical fractures 6255-57', 6258-62', bleeding gas.

6266 - 6276'

Hard dark grey silty to slightly carbonaceous sandstone, bleed of gas and fair to faint odor.

CORE #5

Cored 6276' to 6326'. Cored 50', recovered 50'.

6276 - 6279'

Hard fine brown sandstone, bleeding gas, vertical fracture 6278-80'.

6279 - 6281'

Grey silty carbonaceous sandstone, bleeding gas.

6281 - 6284'

Grey hard black very sandy carbonaceous shale.

6284 - 6286'

Very carbonaceous sandy shale.

6286 - 6287'

Grey hard sandstone, very silty.

6287 - 6290'

Grey fine hard carbonaceous sandy shale.

6290 - 6293'

Grey carbonaceous shale.

6293 - 6300'

Coal.

6300 - 6303'

Hard grey fine shaly sandstone.

6303 - 6304'

Coal.

6304 - 6308'

Black carbonaceous shale.

6308 - 6314'

Coal, sand and shale streaks.

6314 - 6321'

Black hard carbonaceous shale.

6321 - 6326'

Grey medium quartz sand crossbedded kaolin clay cement. Very slight bleed, no odor.

CORE #6

Cored 6326' to 6339'. Recovered 13' of hard medium quartz sandstone, kaolin clay cement, no odor, no show.